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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 27]  
*(preferred arrangement set forth below)*

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings *(if filed)*
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 5 ]

5. Oath or Declaration [ Total Pages 3 ]  
 a.  Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 18 completed)*  
 b.   
 i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

Attorney Docket No. H0004239

First Inventor Jaeyeon Kim

Title Methods of Treating...

Express Mail Label No.

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*

- a.  Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
  - i.  CD-ROM or CD-R (2 copies); or
  - ii.  paper
- c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.73(b) Statement  Power of *(when there is an assignee)*  Attorney

11.  English Translation Document *(if applicable)*

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*

15.  Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16.  Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17.  Petition for Expedited.....  
Other: Foreign Filing License.....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)    of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		<b>021567</b> <i>(Insert Customer No. or Attach bar code label here)</i>		or	<input type="checkbox"/> Correspondence address below		
Name							
Address							
City		State			Zip Code		
Country		Telephone	509-624-4276		Fax 509-838-3424		
Name (Print/Type)		David G. Latwesen, Ph.D.		Registration No. (Attorney/Agent)		38,533	
Signature				Date		July 8, 2003	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

19972 U.S. PTO  
10/614806  
07/09/03

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# FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 1,190)

**Complete if Known**

Application Number	Filed herewith
Filing Date	
First Named Inventor	Jaeyeon Kim
Examiner Name	
Group / Art Unit	
Attorney Docket No.	H0004239

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)					
<b>1. <input checked="" type="checkbox"/></b> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number <b>23-0925</b>  Deposit Account Name <b>Wells St. John</b>  <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17				<b>3. ADDITIONAL FEES</b> Large Entity Small Entity Fee Code (\$ Fee Code (\$ Fee Description Fee Paid 105 130 205 65 Surcharge - late filing fee or oath 0.00 127 50 227 25 Surcharge - late provisional filing fee or cover sheet. 0.00 139 130 139 130 Non-English specification 0.00 147 2,520 147 2,520 For filing a request for reexamination 0.00 112 920* 112 920* Requesting publication of SIR prior to Examiner action 0.00 113 1,840* 113 1,840* Requesting publication of SIR after Examiner action 0.00 115 110 215 55 Extension for reply within first month 0.00 116 380 216 190 Extension for reply within second month 0.00 117 870 217 435 Extension for reply within third month 0.00 118 1,360 218 680 Extension for reply within fourth month 0.00 128 1,850 228 925 Extension for reply within fifth month 0.00 119 300 219 150 Notice of Appeal 0.00 120 300 220 150 Filing a brief in support of an appeal 0.00 121 260 221 130 Request for oral hearing 0.00 138 1,510 138 1,510 Petition to institute a public use proceeding 0.00 140 110 240 55 Petition to revive - unavoidable 0.00 141 1,210 241 605 Petition to revive - unintentional 0.00 142 1,210 242 605 Utility issue fee (or reissue) 0.00 143 430 243 215 Design issue fee 0.00 144 580 244 290 Plant issue fee 0.00 122 130 122 130 Petitions to the Commissioner 130.00 123 50 123 50 Petitions related to provisional applications 0.00 126 240 126 240 Submission of Information Disclosure Stmt 0.00 581 40 581 40 Recording each patent assignment per property (times number of properties) 40.00 146 690 246 345 Filing a submission after final rejection (37 CFR § 1.129(a)) 0.00 149 690 249 345 For each additional invention to be examined (37 CFR § 1.129(b)) 0.00 Other fee (specify) _____ 0.00 Other fee (specify) _____ 0.00					
<b>2. <input type="checkbox"/></b> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other				<b>FEE CALCULATION</b> <b>1. BASIC FILING FEE</b> Large Entity Small Entity Fee Code (\$ Fee Code (\$ Fee Description Fee Paid 101 690 201 345 Utility filing fee 750.00 106 310 206 155 Design filing fee 107 480 207 240 Plant filing fee 108 690 208 345 Reissue filing fee 114 150 214 75 Provisional filing fee  <b>SUBTOTAL (1) (\$ 750.00)</b>					
<b>2. EXTRA CLAIM FEES</b> Extra Claims Fee from below Fee Paid Total Claims <b>35</b> -20** = <b>15</b> X <b>18</b> = <b>270</b> Independent Claims <b>3</b> - 3** = <b>0</b> X <b>84</b> = <b>0</b> Multiple Dependent _____ = _____				<b>SUBTOTAL (2) (\$ 270)</b>					
**or number previously paid, if greater; For Reissues, see below <b>Large Entity Small Entity</b> Fee Code (\$ Fee Code (\$ Fee Description 103 18 203 9 Claims in excess of 20 102 78 202 39 Independent claims in excess of 3 104 260 204 130 Multiple dependent claim, if not paid 109 78 209 39 ** Reissue independent claims over original patent 110 18 210 9 ** Reissue claims in excess of 20 and over original patent  <b>SUBTOTAL (2) (\$ 270)</b>									
* Reduced by Basic Filing Fee Paid <b>SUBTOTAL (3) (\$ 170.00)</b>									

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	David G. Latwesen, Ph.D.	Registration No. (Attorney/Agent)	38,533	Telephone 509-624-4276
Signature	_____ July 8, 2003			

**WARNING:**

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